PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

Applicant's or agent's file reference	FOR FURTHER see Notification of	f Transmittal of International Search Report	
21724-4-1PC	ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.		
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)	
PCT/IB 03/05473	09/06/2003 /	10/06/2002 —	
Applicant .	,		
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GENEPROT, INC.			
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auth ansmitted to the International Bureau.	orlty and is transmitted to the applicant	
This International Search Report consists	of a total of4 sheets.		
· · · · · · · · · · · · · · · · · · ·	a copy of each prior art document cited in this	report.	
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Basis of the report With regard to the lenguage the	International annual control of the Land		
language in which it was filed, unl	international search was carried out on the bas ess otherwise indicated under this item.	is of the international application in the	
the international search w Authority (Rule 23.1(b)).	ras carried out on the basis of a translation of the	ne International application furnished to this	
 With regard to any nucleotide an was carried out on the basis of the 	d/or amino acid sequence disclosed in the in	ternational application, the international search	
	anal application in written form.		
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international Application No PCT/IB 03/05473

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According to	International Patent Classification (IPC) or to both national classification	ation and IPC	
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	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.
A	T M HACKENG ET AL.: "Protein synnative chemical ligation: expande by using straightforward methodol PROCEEDINGS OF THE NATIONAL ACADE SCIENCES OF USA., vol. 96, 1999, pages 10068-10073, XP002940700 NATIONAL ACADEMY OF SCIENCE. WASH US ISSN: 0027-8424 the whole document	ed scope ogy " MY OF IINGTON.,	1-11
لثا	er documents are listed in the continuation of box C.	Patent family members are listed in	n annex.
'A' docume conside 'E' earlier de filing de 'L' docume which i citation 'O' docume other ne 'P' docume	nt defining the general state of the art which is not sered to be of particular relevance ocument but published on or after the international ate of the state of the special reason (as specified) or seans of the specified or the special reason (as specified) or specified or the special reason (as specified) or specified o	 "T" later document published after the Inte or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the coannot be considered novel or cannot involve an inventive step when the document of particular relevance; the coannot be considered to involve an involvent is combined with one or moments, such combination being obviouin the art. "&" document member of the same patent in the same	the application but cory underlying the laimed invention be considered to current is taken alone laimed invention rentive step when the re other such docu- is to a person skilled
Date of the a	ctual completion of the international search	Date of mailing of the international sear	ch report
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Name and m	nalling address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Masturzo, P	

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C.(Continuation) DOCUM CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.						
Calegory	onation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
A	Y S LEE ET AL.: "A convergent liquid-phase synthesis of salmon calcitonin" JOURNAL OF PEPTIDE RESEARCH., vol. 54, 1999, pages 328-335, XP002274977 MUNKSGAARD, COPENHAGEN., DK ISSN: 0367-8377 the whole document	1-11				
A	R B WOODWARD ET AL.: "The total synthesis of cyclosporin C" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY., vol. 88, no. 4, 20 February 1966 (1966-02-20), pages 852-853, XP002274978 AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC., US ISSN: 0002-7863 the whole document	1-11				
A	F AL-OBEIDI ET AL.: "Synthesis of beta- and gamma-fluorenylmethyl esters of respectively N-alpha-Boc-L-aspartic acid and N-alpha-Boc-L-glutamic acid" INTERNATIONAL JOURNAL OF PEPTIDE AND PROTEIN RESEARCH., vol. 35, 1990, pages 215-218, XP002274979 MUNKSGAARD, COPENHAGEN., DK ISSN: 0367-8377 the whole document	1-11				
A	G C STELAKATOS ET AL.: "New methods in peptide synthesis. Part III. Protection of carboxyl group " JOURNAL OF THE CHEMICAL SOCIETY, SECTION C: ORGANIC CHEMISTRY., no. 13, 1966, pages 1191-1199, XP002274980 CHEMICAL SOCIETY. LETCHWORTH., GB ISSN: 0022-4952 the whole document	1-11				
A	A B CLIPPINGDALE ET AL.: "Peptide thioester preparation by FMOC solid phase peptide synthesis for use in native chemical ligation" JOURNAL OF PEPTIDE SCIENCE., vol. 6, no. 5, pages 225-234, XP009015362 JOHN WILEY AND SONS LTD., GB ISSN: 1075-2617 the whole document	1-11				

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International Application No PCT/IB 03/05473

	ation) DOCUM CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T .	M VILLAIN ET AL.: "Native chemical ligation with aspartic ang glutamic acids as C-terminal residues: scope and limitations." EUROPEAN JOURNAL OF ORGANIC CHEMISTRY., no. 17, 2003, pages 3267-3272, XP002274981 WILEY-VCH, WEINHEIM., DE ISSN: 1434-193X the whole document	1-11
Ρ,Χ	M VILLAIN ET AL.: "Backbone isomerization at aspartic-, glutamic acid-cysteine ligation " JOURNAL OF PEPTIDE SCIENCE., vol. 8 (suppl.), 31 August 2002 (2002-08-31), page s108 XP009015060 JOHN WILEY AND SONS LTD., GB ISSN: 1075-2617 the whole document	1-11
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